Medical Intelligence

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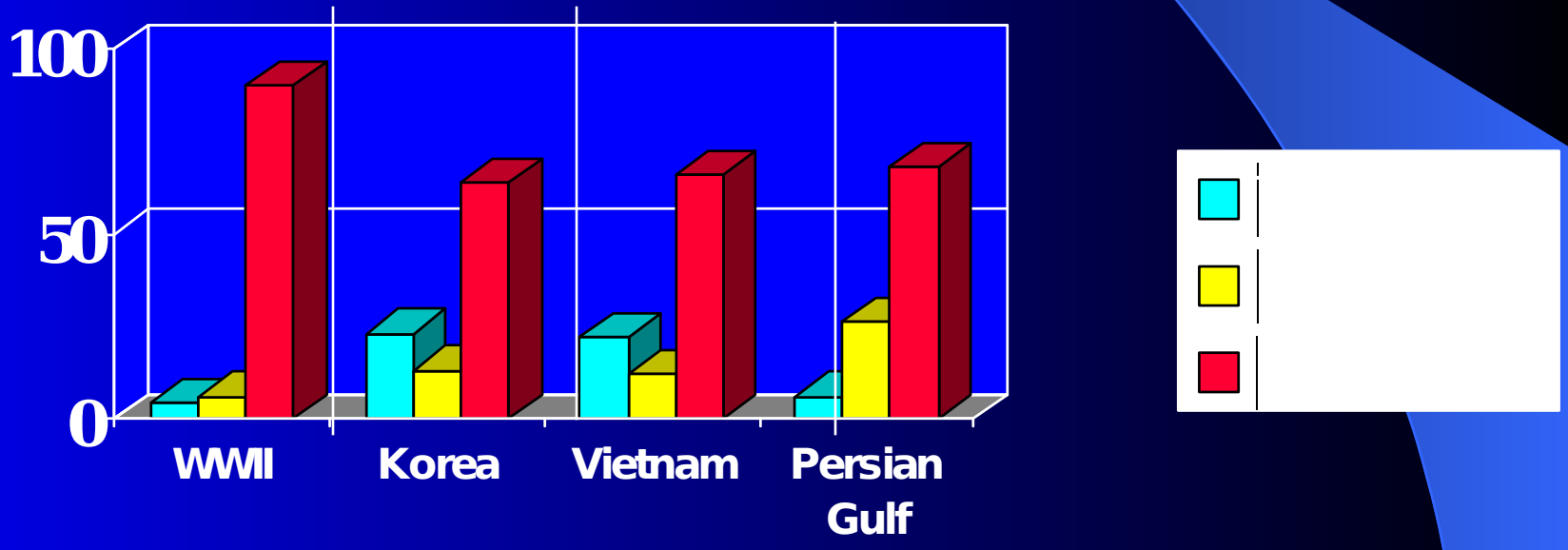
Medical Intelligence

- collection
- evaluation
- analysis
- interpretation of:
  - foreign medical, bio-scientific, and environmental information which is of interest to strategic planning and to military medical planning.

Force Health Protection

- Definition:A unified strategy that protects service members from all health and environmental hazards associated with military service
- Use of technology/quality of our people
- Protect, monitor, manage health

U.S. ARMY HOSPITAL ADMISSIONS DURING WAR (SHOWN AS A PERCENT OF TOTAL)



Pre-deployment initiatives

Healthy and Fit Force

- Health Promotion programs
- Health Assessment Surveys
- Serum Collection

=

Our Most Valuable Weapon System

Casualty Prevention

- Current Immunizations - Anthrax
- Medical Intelligence
  - Medical Threat Briefing
  - Prevalent Endemic Diseases

Healthy People

OPERATIONS

LEANING FORWARD

Outlook

- Multinational Deployments
- Deteriorating Third World Health Services
- Emerging Diseases
- Environmental Degradation
- Transnational Health Issues
- Proliferation of Advanced Weaponry
- Advances in Biomedical Technology

Worldwide Deployments

JOINT ENDEAVOR
Bosnia and Herzegovina

SILVER WAKE
Albania

SEA SIGNAL
Cuba-Migrant Ops

UPHOLD DEMOCRACY
Haiti

ASSURED RESPONSE
Liberia

NOBLE OBELISK
Sierra Leone

GUARDIAN RETRIEVAL
Democratic Republic of Congo

FLIGHTED WING
Central African Republic

ABLE SENTRY
The Former Yugoslav Republic of Macedonia (FYROM)

SHARP GUARD
Maritime Sanction

PROVIDE COMFORT
Northern Iraq

SOUTHERN WATCH/
VIGILANT WARRIOR
Southern Iraq

RESTORE HOPE
Somalia

SUPPORT HOPE
Rwanda

Changing Roles and Missions

Multinational Task Force Alignments

Humanitarian Assistance

Greater Reliance on Host Nation Support

AFMIC Location

-Frederick, MD (45 miles Northwest Washington, DC)

-Within 1 hour of 3 major airports

MISSION

- Produce all-source intelligence analysis and assessments on:
  - Foreign military and civilian medical capabilities and trends
  - Infectious diseases and environmental health risk factors on a global scale which impact on the effectiveness of military operations
  - Foreign life sciences and biomedical technologies of military importance

CUSTOMERS

Supporting ...

- Operational Deployments
- Health Services Support Operations
- National & Defense Policy Formulation
- Combat Development
- Medical Research and Development
- Health Risk Analysis

Medical Intelligence

What it *DOES* provide …

- Foreign
  - Health Risk Assessments
  - Health Services Assessments
  - Medical Indication and Warning
  - Medical Trends and Forecasts

Medical Intelligence

What it *DOES NOT* provide …

- Approved/Authorized Prophylaxis
- Recommended Medical Treatment Protocol
- Medical Policy
- Medical Doctrine

AFMIC Education Specialties

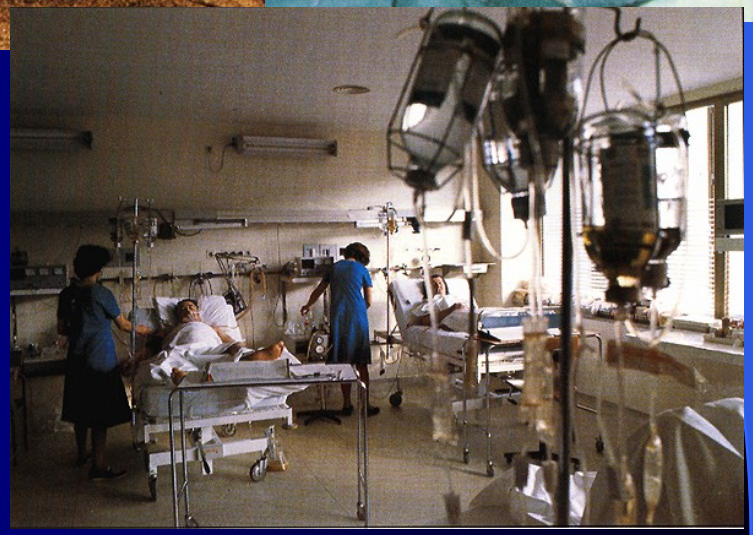
- Medical
- Physiology
- Biophysics
- Molecular biology
- Biomedical science
- Virology
- Biology
- Neuropharmacology
- Microbiology
- Radiation biology
- Medical technology
- Pharmacy
- Chemistry
- Veterinary medicine
- Entomology
- Preventive Med
- Environmental Health

Medical Intelligence Makes a Difference …

- Becomes a Force Multiplier
- Enhances Medical Planning
- Reduces Long-Term Risk and Liability to Deployed Forces
- Improves Combat Readiness

Medical Capabilities Intelligence

- Civilian and Military Health Care Infrastructure
  - Organization
  - Policy
  - Doctrine
- Civilian and Military Health Care Capabilities
  - Evacuation
  - Emergency medical response
  - Hospitalization
  - Blood supply
  - Medical logistics
  - Health care personnel



Medical Capabilities Study (MEDCAP)

A comprehensive evaluation of a country's civilian and military health care systems. It evaluates the ability of a country to support its armed forces in peace and war, the suitability of facilities in the country to support US operations. Because these studies are manpower intensive to produce, MEDCAPS are produced on countries with the greatest

Health Services Assessment

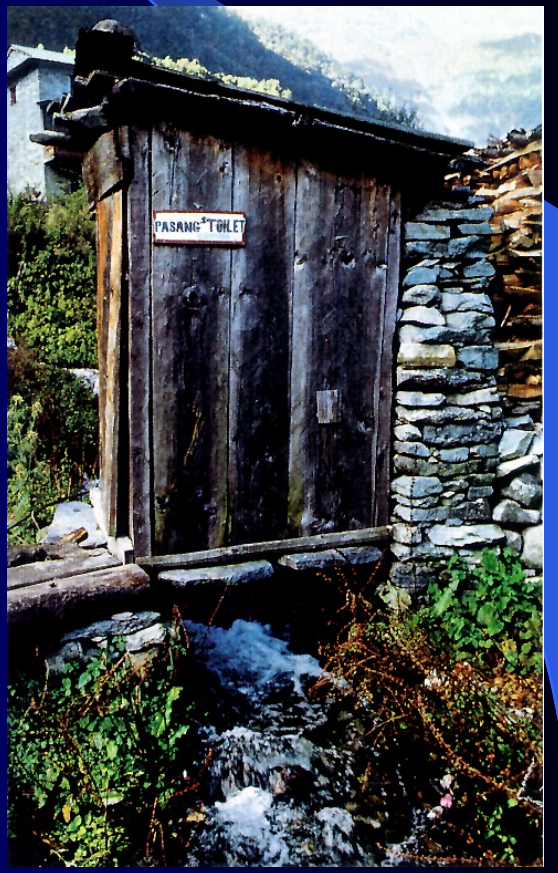
- **Country Focus**
  - **Military Health Care**
  - **Civilian Public Health**
  - **Third Party Contributors**
- **Strategic & Operational Uses**
- **Deliberate and Crisis Planning Tool**
- **A short form of the MEDCAP**

AFMIC Biweekly “Wire”

- Current medical intelligence events with preliminary analysis
- Full range of functional interest
- Classified
- General Service (GENSER) Message

Infectious Disease and Environmental Health Risk Assessments

- **Operationally Oriented**
- **Unclassified**
- **Militarily Significant Infectious Diseases Prioritized According to Impact on Operational Forces**
- **Periodic Updates**

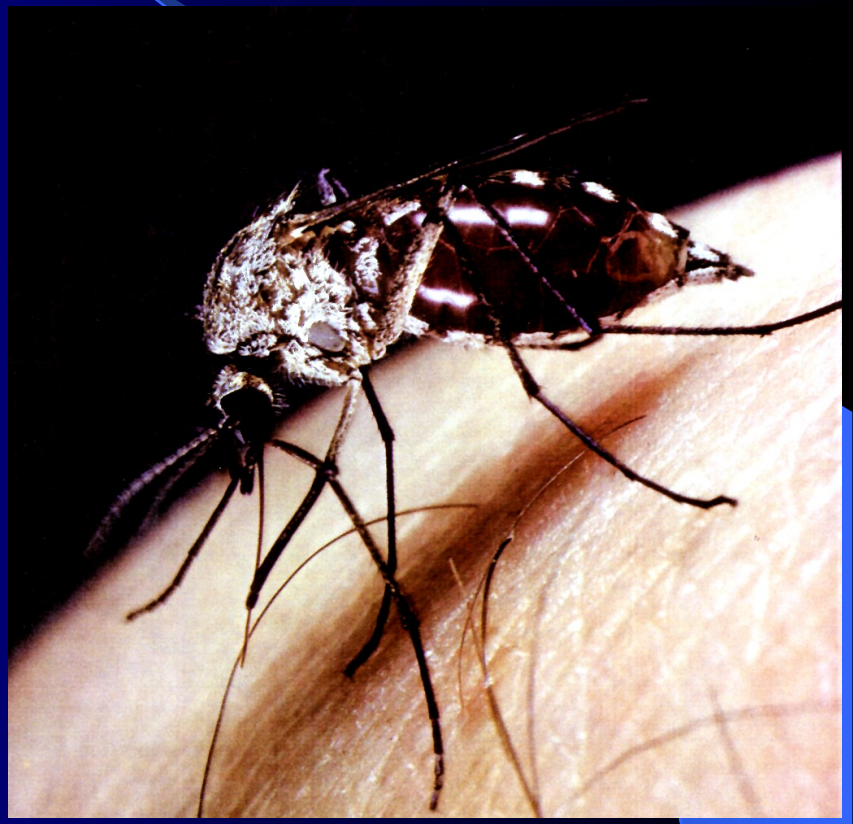


Infectious Disease Risk Assessment (IDRA)

Assess the risk from infectious diseases of operational military significance on a country-by-country basis worldwide. They are available via message, INTELINK, and the Medic CD-ROM

Disease Occurrence Worldwide

- Time Sensitive Monthly Message
- Unclassified (classified supplement)
- Militarily Significant Infectious Diseases
- Supplements/Updates Infectious Disease/Environmental Health Risk Assessments (IDRA)



Medical Environmental Disease Intelligence and Countermeasures

Medical
Environment
Disease
Intelligence a
Countermeasures

DI-1810-207A-9

On CD ROM

UNCLASSIFIED

Defense Intelligence Agency
Armed Forces Medical Intelligence Center

January 1997
Mac / ISO 9660 Hybrid

DI-1810-207A-97(N)

M Macintosh® | W Windows® | D DOS | U UNIX®

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Medical
Environmental
Disease
Intelligence and
Countermeasures

Medical, Environmental, Disease Intelligence and Countermeasures (MEDIC)

Provides worldwide infectious disease and environmental health risks hyperlinked to the Joint Service-approved countermeasure recommendations, military and civilian health care delivery capabilities, operational information, disease vector ecology information and reference

Environmental Health Risk Assessments (EHRA)

Assess environmental health risks of operational military significance on a country-by-country basis worldwide. They are available via message, INTELINK, and the MEDIC CD-ROM.

Joint Worldwide Intelligence Communication System (JWICS)

A secure telecommunications system which links sites throughout the intelligence and operations communities. Allows, among other things, secure teleconferencing. In support of time-sensitive or complex requirements, a teleconference can be set up with AFMIC's country analysts. See your Intelligence Officer to determine if there is a JWICS site on your installation, then, work with the site manager and AFMIC Operations to

CIA World Fact book

An unclassified publication that provides general political and economic data on all countries of the world. It is updated annually. Available in hardcopy and is also available on the CIA home page on both the Internet and INTELINK. There also is a classified supplement which provides information on military, security and intelligence forces worldwide.

QUICK RESPONSE TASK

A Quick Response Tasking is a response to current intelligence need of the consumer that updates information/intelligence on hand in the consumers Chain of Command

MEDICAL PLANNING DOCUMENTS

MEDICAL CAPABILITIES/MATERIAL

Foreign Medical Facility Handbook

Medical Capabilities Study

Health Services Assessment

Urban Medical Capabilities Study

AFMIC Wire

DISEASE/ENVIRONMENTAL

Infectious Disease Risk Assessment (IDRA)

Environmental Health risks Assessment (EHRA)

DOWW

CD-ROM

Operational Support Documents

REQUESTS FOR INFORMATION (RFI) TO AFMIC

RFI (cont)

- **Identify and clarify your medical intelligence needs. Write them down.**
- **Check with your intelligence officers (S-2's, G-2's, J-2's, IN's) first; they may already have what you need.**

RFI (cont)

- **Provide feedback.**

  Upon mission completion, report items of significance, submit after action reports, tell AFMIC whether medical intelligence was correct and met your needs.

Medical Intel Report Checklist

- **Hospital:**
  - **Name, location, distance from port/pier/helipad/airport/other hospitals/military base.**
  - **Geographic location: Lat/Long - GPS**
  - **Blood Bank**
  - **Emergency capabilities**
  - **Key phone #’s, FAX, email info**

MILITARY GEOGRAPHY

- Climate
- Weather
- Terrain
- Location
- Size
- Capabilities
- Civic Actions
- Peacekeeping Actions
- Low Intensity Conflicts
- Transportation
- Science & Technology
- Enemy Military Situation and Capabilities
- Training
- Diarrheal diseases
- Upper Respiratory Infections (URI's)
- Vector-borne Diseases
- Infectious disease threats
- Wild and Domestic animals
- Poisonous Plants
- NBC Weapons in Enemy Inventory
- Unconventional/Psychological Warfare

Medical Intel Report Checklist Hospitals (Cont-)

- **Key POC's (translators, administrators, etc.**
- **Nursing care (Does your command provide)**
- **Staffing (ancillary services, doctors, nurses**
- **Training level of staff**
- **Helipad description: size, location, obstacles, night landing capable**
- **Payment for services**

Medical Intel Report Checklist

- **Embassy, Consul, Husbanding Agency**
  - **Point of Contacts**
  - **Phone #’s, FAX, email etc.**
  - **Location**
  - **List of services**
  - **Degree of helpfulness**

Medical Intel Report Checklist

- **Decedent Affairs**
  - **Local corner requirements and customs**
  - **Local requirements for autopsy**
  - **Get the embassy involved ASAP**

OBJECTIVES

- **Identify the Intelligence Requirements of the Medical Planner**
- **Identify the best sources for intelligence and reference material**
- **Present a process for completing Annex Q (B) Appendix 11 of the OPLAN**
- **Be Fluid**
- **Never fall in love with your plan**

QUESTIONS